FIG. 1 (PRIOR ART)

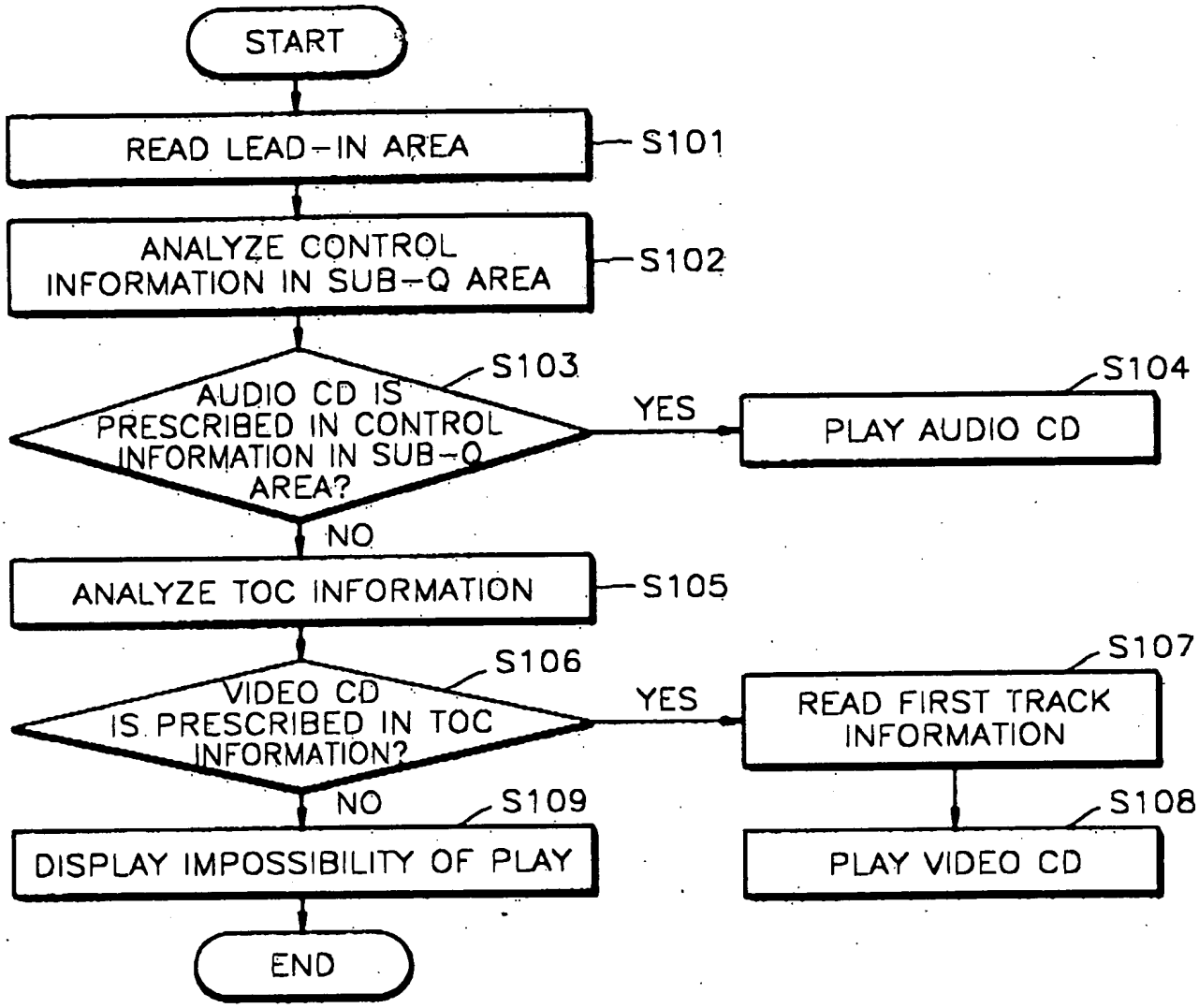


FIG. 2

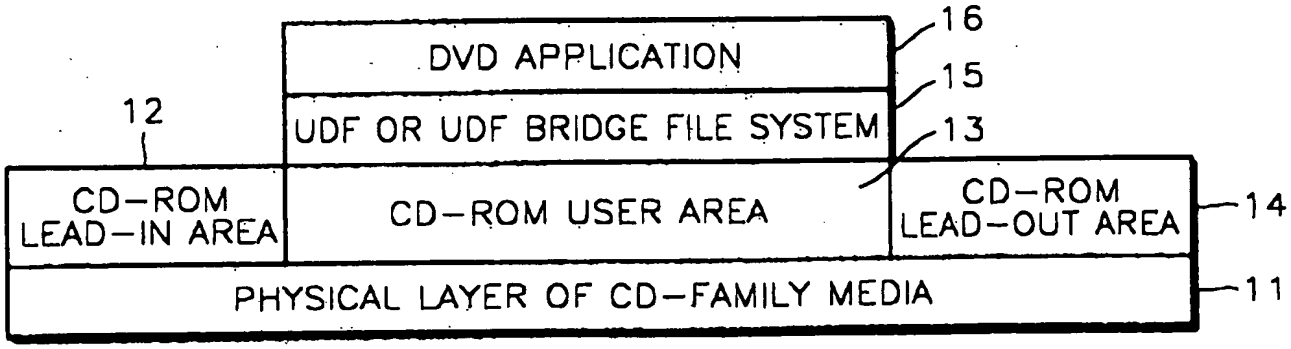


FIG. 3

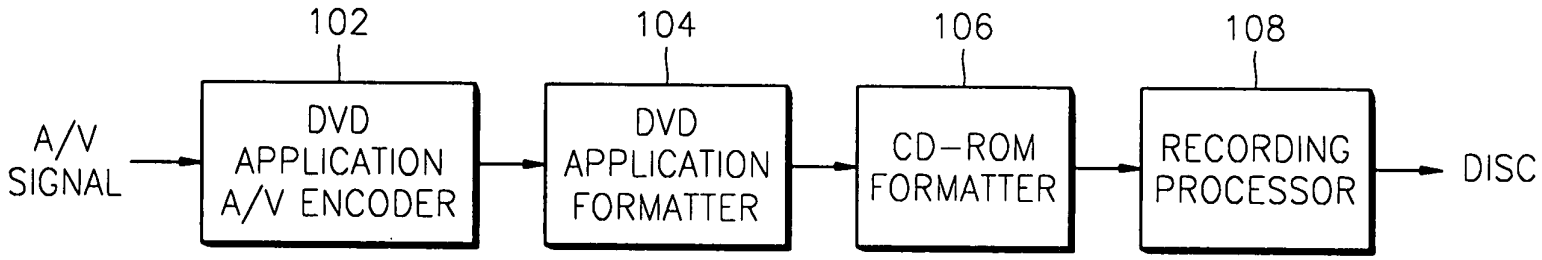
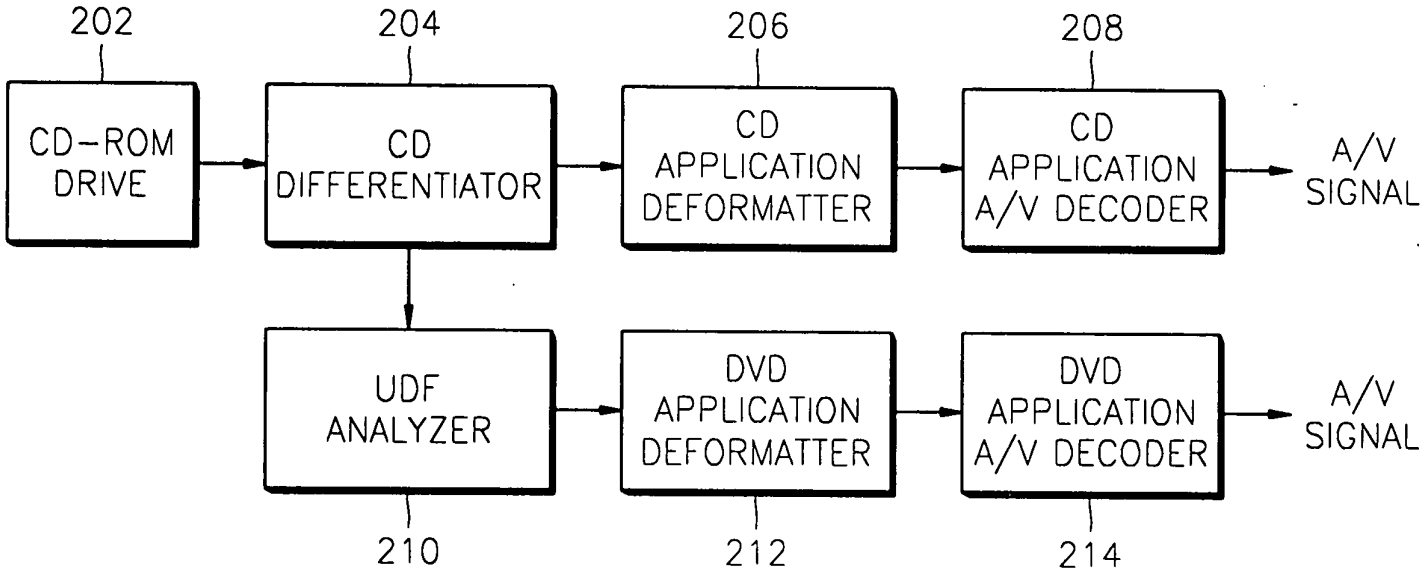
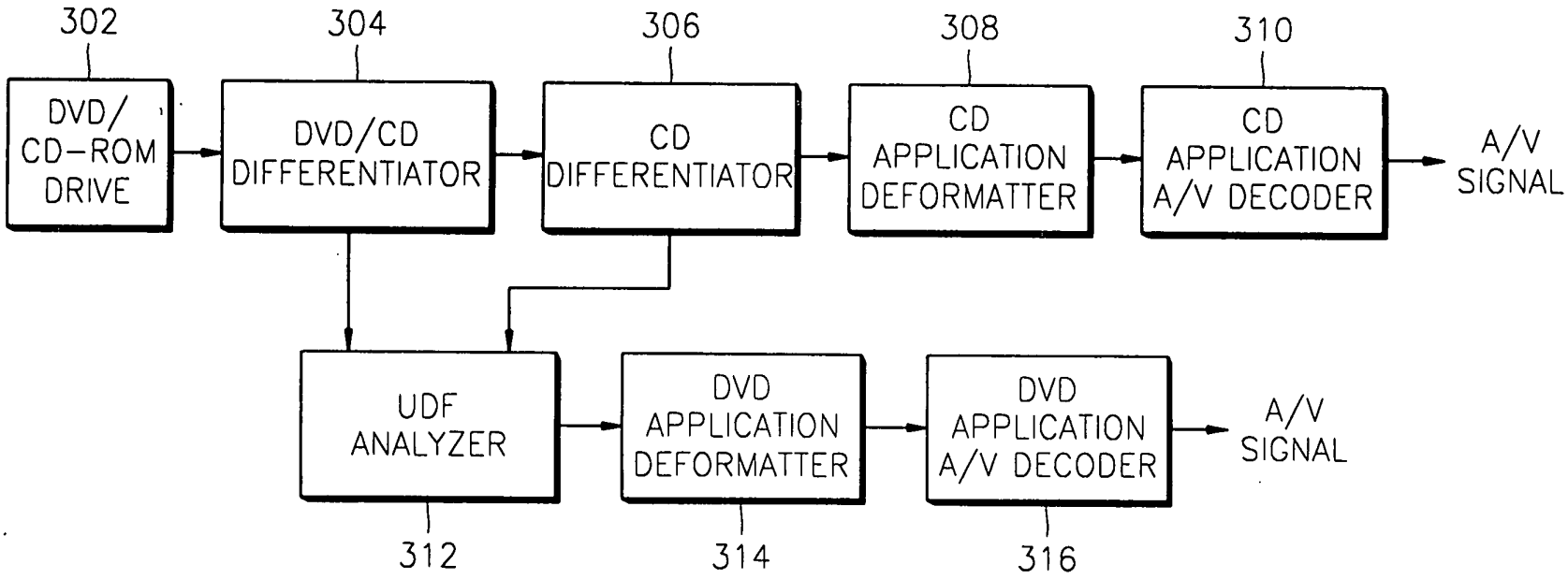


FIG. 4



09534494 . 032400

FIG. 5



09534494.032400

FIG. 6

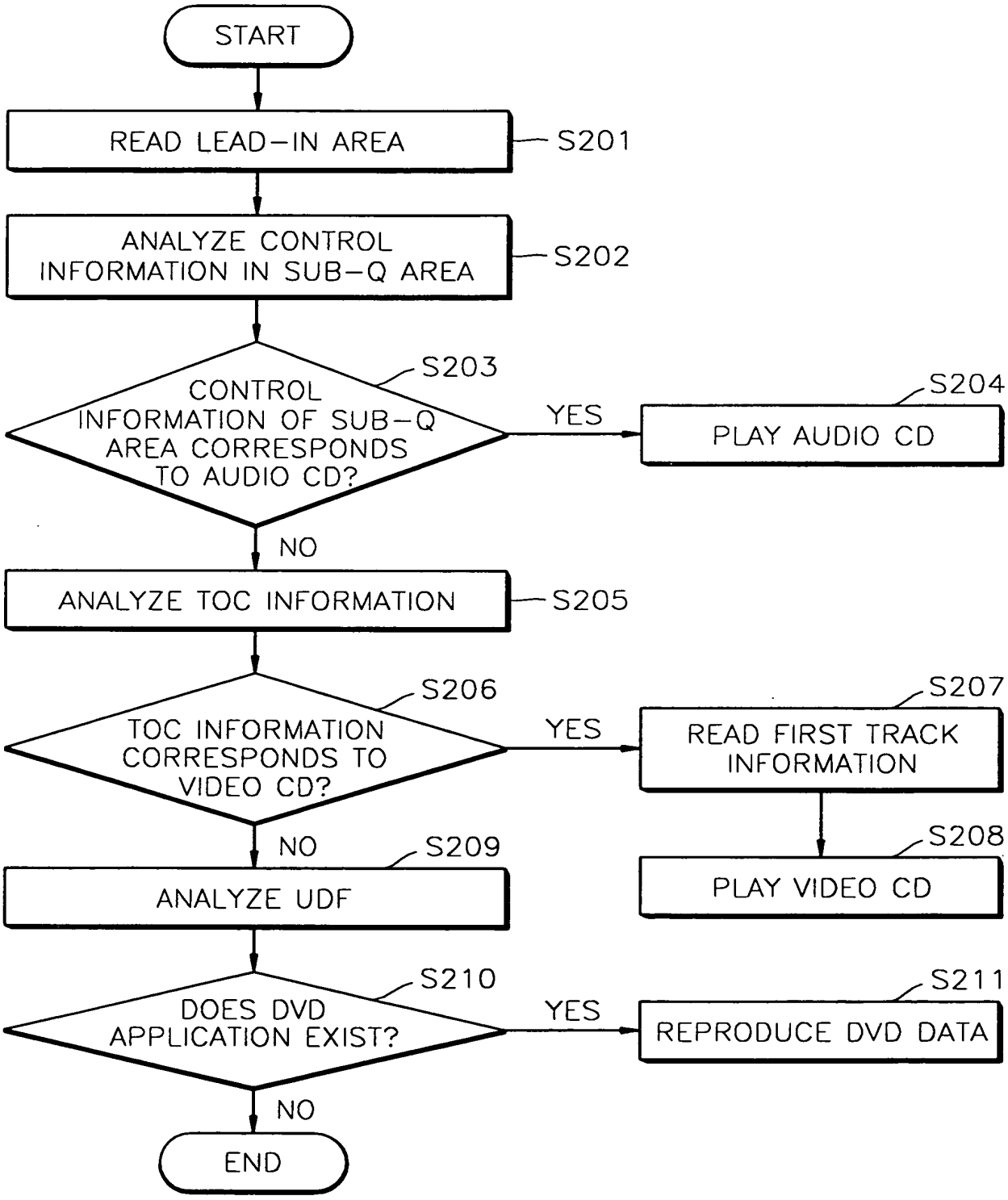
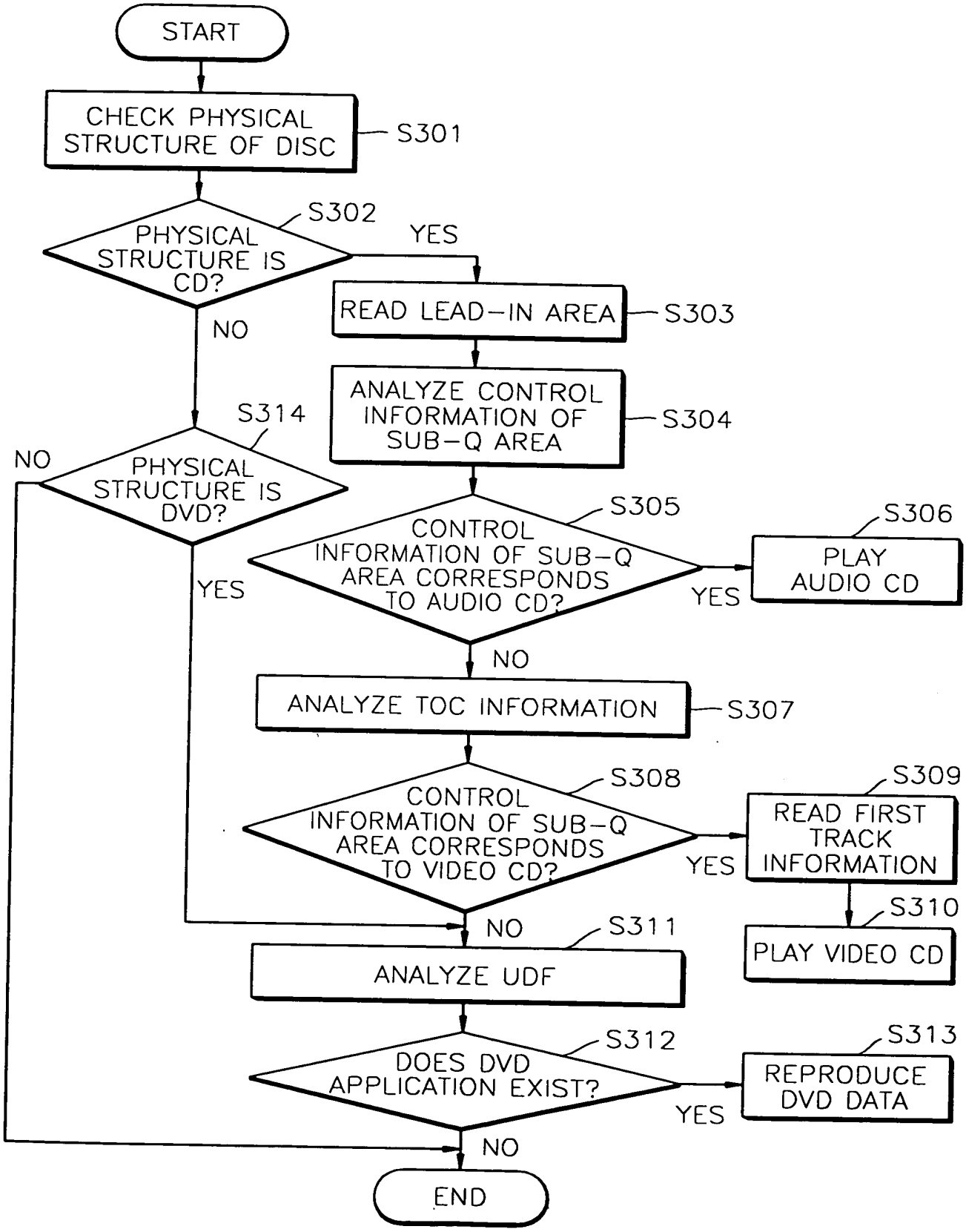

START
READ LEAD-IN AREA
S201
ANALYZE CONTROL INFORMATION IN SUB-Q AREA
S202
S203
CONTROL INFORMATION OF SUB-Q AREA CORRESPONDS TO AUDIO CD?
YES
S204
PLAY AUDIO CD
NO
ANALYZE TOC INFORMATION
S205
S206
TOC INFORMATION CORRESPONDS TO VIDEO CD?
YES
S207
READ FIRST TRACK INFORMATION
NO
S209
ANALYZE UDF
S208
PLAY VIDEO CD
S210
DOES DVD APPLICATION EXIST?
YES
S211
REPRODUCE DVD DATA
NO
END

FIG. 7


START
CHECK PHYSICAL STRUCTURE OF DISC
S301
PHYSICAL STRUCTURE IS CD?
S302
YES
NO
READ LEAD-IN AREA
S303
ANALYZE CONTROL INFORMATION OF SUB-Q AREA
S304
PHYSICAL STRUCTURE IS DVD?
S314
NO
YES
CONTROL INFORMATION OF SUB-Q AREA CORRESPONDS TO AUDIO CD?
S305
YES
PLAY AUDIO CD
S306
NO
ANALYZE TOC INFORMATION
S307
CONTROL INFORMATION OF SUB-Q AREA CORRESPONDS TO VIDEO CD?
S308
YES
READ FIRST TRACK INFORMATION
S309
PLAY VIDEO CD
S310
NO
ANALYZE UDF
S311
DOES DVD APPLICATION EXIST?
S312
YES
REPRODUCE DVD DATA
S313
NO
END